



The entrance to South Cinder River viewed from the northwest.

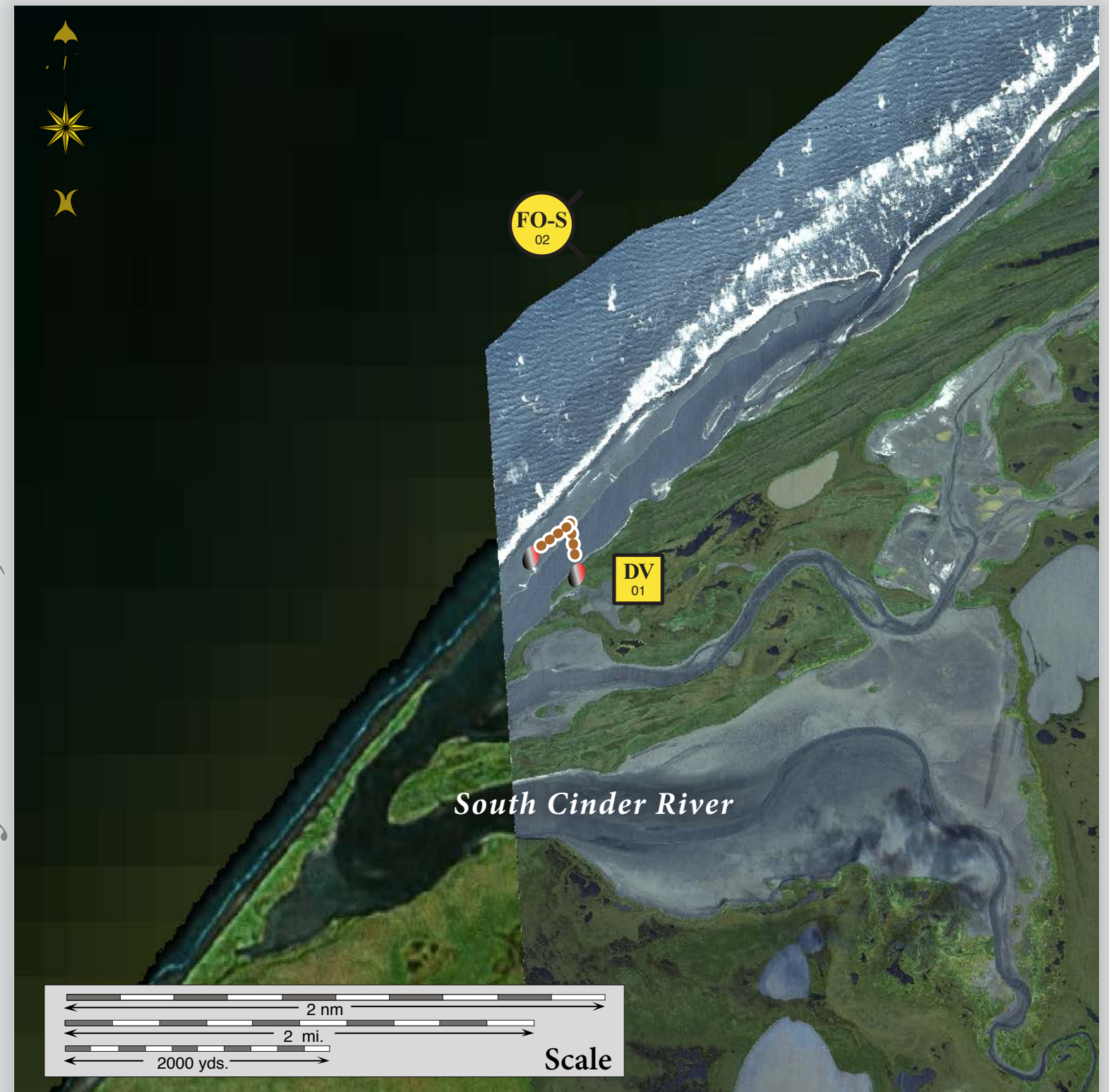


South Cinder River viewed from the east.

# Geographic Response Strategies for Bristol Bay Subarea, Northern Zone

## South Cinder River, BB-N16

Center of map at 57° 17.14' N Lat., 158° 19.10' W Lon.



This is not intended for navigational use.

|               |  |                    |  |                                   |
|---------------|--|--------------------|--|-----------------------------------|
| Map<br>Legend |  | Free-oil Recovery  |  | Protected-water Boom              |
|               |  | Diversion Booming  |  | Tidal-seal Boom                   |
|               |  | Shoreside Recovery |  | Bears in Area, Guards Recommended |
|               |  |                    |  |                                   |



| ID                         | Location and Description  | Response Strategy  | Implementation   | Response Resources  | Staging Area             | Site Access                          | Resources Protected (months)  | Special Considerations   |
|----------------------------|---|--|--|---|--------------------------|--------------------------------------|---|--|
| N-16-01<br><div>EX</div>   | <b>South Cinder River</b><br>a. Lat.57° 15.97'N<br>Lon.158°20.25'W<br><br>b. Lat.57° 16.52'N<br>Lon.158°17.50'W   | <b>Exclusion</b><br>Exclude oil from impacting the South Cinder River.   | Deploy anchors and boom with skiffs (class 6) at high tide.<br><br>At both locations place fast-water boom in a chevron pattern in front of the entrances to the river.<br><br>Complete the array by placing 60 ft. of tidal seal boom on each leg.<br><br>Tend throughout the tide. | <b>Deployment Equipment</b><br>1350 ft. fast-water boom<br>240 ft. tidal seal boom<br>8 ea. anchor systems<br>8 ea. anchor stakes<br><b>Vessels</b><br>1 ea. class 3<br>2 ea. class 6<br><b>Personnel/Shift</b><br>7 ea. vessel crew/general techs<br><b>Tending Vessels</b><br>1 ea. class 3<br>1 ea. class 6<br><b>Personnel/Shift</b><br>4 ea. vessel crew/general techs | Pilot Point/ Port Heiden | Via marine waters<br><br>Chart 16338 | Fish- intertidal spawning- salmon (June-Sept.)<br><br>Birds-waterfowl, seabird and shorebird concentration<br><br>Marine mammals- seals, otters<br><br>Habitat- exposed tidal flats, sheltered tidal flats, marsh<br><br>Human use- subsistence, commercial fishing | Vessel master should have local knowledge.<br><br>A large population of bears are present in the area. A bear guard is required.<br><br>Title 41 permitting required from ADNRR.<br><br>Surveyed: not yet<br><br>Tested: not yet |
| N-16-02<br><div>FO-S</div> | <b>South Cinder River</b><br>Nearshore waters in the general area of:<br><br>Lat. 57° 17.14'N<br>Lon. 158°19.10'W | <b>Free-oil Recovery</b><br>Maximize free-oil recovery in the offshore & nearshore environment of South Cinder River depending on spill location and trajectory. | Deploy free-oil recovery strike teams upwind and up current of the South Cinder River.<br><br>Use aerial surveillance to locate incoming slicks.   | Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.   | Pilot Point/ Port Heiden | Via marine waters<br><br>Chart 16338 | Same as N-16-01   | Vessel master should have local knowledge.<br><br>Use extreme caution, shallow waters with shifting channels and bars.   |